AUTHOR INDEX

Anderson, Paul T., Vinyl Lined Asbestos Cement Pipe Problems — Health Aspects, 217, Sept.

Atkinson, Cliff, Jr., AWWA Government Affairs Activity, 182, Sept.

Bishop, Stephen L., Methods for Evaluating Performance of Filter Media, 193, Sept.

Blankenburg, William E. Jr., Keynote Address to the Annual Conference, 154, June.

Burdan, Paul, Organic Contamination of Ground Water, Tell it All, 109, June.

Clifford, Nathaniels, Controlling the Construction Process, 169, June.

Cronen, Thomas J., Underground Corrosion Committee Activity in New England, 264, Dec.

Desjardins, Joseph P., Values and Utility Regulation, 1, Mar.

Ehrenfield, John R., The Role of the New England River Basin Commission in the 1980's, 162, June.

Elwell, Frederick H., Water Utility Management— How do you evaluate it?, 145 June.

Frenz, Charles M., Sludge Handling and Disposal at the Central Processing Facility-Monroe County, New York, 208, Sept.

Gardner, Robert L., Vinyl Lined Asbestos Cement Pipe Problems — Operator Aspects, 220, Sept.

Graves, Donald J., Instrumentation for the 1980's Panel Discussion, 28, Mar.

Hammond, Raymond E., Water Regulation in an Inflationary Environment, 187, Sept.

Henderson, Robert W., Anatomy of a Sluice Gate, 36, Mar.

Judd, Peter H., A Utility Energy Conservation Program, Northeast Utilities, NU 80s/90s, 229, Sept.

Kays, William B. Covering Distribution Storage Panel Discussion, 253, Dec.

Kelleher, Daniel L., Investigation of Volatile Organics Removal, 119 June

Kittredge, David, Covering Distribution Storage-Panel Discussion, 258, Dec.

Koopman, Robert L, Construction Management, 13, Mar.

Kuras, Jack E., Connecticut Section, AWWA, Education Program, 148, June

Leavenworth, Steven, Covering Distribution Storage- Panel Discussion, 245, Dec.

Lebert, John E., Jr. Year Round Distribution System Maintenance, 267, Dec.

McLaughlin, Thomas F., Massachusetts Water Supply Priorities, 271, Dec.

McQueen, James R., Instrumentation for the 1980's Panel Discussion, 21, Mar.

Medlar, Steven, The Significance of Snowmelt on Water Supplies in the Northeast, 134, June.

Murphy Joseph, Covering Distribution Storage — Panel Discussion, Dec.

Patterson, Hedley V., Central City Demands in the 80's Woonsocket, Rhode Island, 224, Sept.

Schilling Kyle E., Urban Water Systems — Problems and Alternative Approaches to Solutions, 178, Sept.

Stearman, Colin S. Instrumentation for the 1980's Panel Discussion, 24, Mar.

Stern, Peter M., A Utility Energy Conservation Program, Northeast Utilation, NU 80s/90s, 229, Sept.

Stover, Enos L. Investigation of Volatile Organics Removal, 119, June.

Sullivan, Michael, Investigation of Volatile Organics Removal, 119, June.

Thompson, Earl R. Jr., Laboratory Certification and Quality Assurance, 48, Mar.

Tucker, Jesse S., Laboratory Certification and Quality Assurance, 51, Mar.

Young Barry S., Instrumentation for the 1980's, 31, Mar.

SUBJECT INDEX

Anatomy of A Sluice Gate. By Robert W. Henderson, 36, March.

Annual Conference, Keynote Address to the. By William E. Blankenburg, Jr., 154, June.

Asbestos Cement Pipe Problems-Health Aspects. Vinyl Lined. By Paul T. Anderson, 217, September.

Asbestos Cement Pipe Problems-Operator Aspects, Vinyl Lined. By Robert L. Gardner, 220, September.

A.W.W.A. Education Program, Connecticut Section. By Jack E. Kuras, 148, June.

A.W.W.A. Government Affairs Activity. By Cliff Atkinson, Jr., 182, September.

BOOK REVIEWS

Atmospheric Sulfur Deposition. By Ann Arbor Science Publishers, Inc., 242, September.

Activated Carbon Adsorption of Organics from the Aqueous Phase. Edited by I. Suffet and M. McGuire, 177, June.

Chemical and Nonchemical Disinfection. By N. Cheremisinoff, P. Cheremisinoff, and R. Trattner, 177, June.

Conjuctive Use of Multiple Sources of Water. Edited by E. Guggino, D.W. Hendricks, and B. Reitano, 176, June.

Environment and Health, Editor, Norman M. Trieff, 107, March. *Handbook of Variables for Environmental Impact Assessment.* By Larry W. Canter and Loren G. Hill, 105 March.

Hydrology and Quality of Water Resources. By Mark Hammer and Kenneth MacKichan, 241, September.

Nitrogen Oxides and Their Effects on Health. Edited by S.D. Lee, 104, March.

Phosphorus Management Strategies for Lakes. Editors: Loehr, Martin, and Rast, 106, March.

Principles of Desalination. Edited by K. Spiegler and A. Land, 177, June.

Proceedings, of Symposium of The Water Treatment Scene -The Next Decade. By The Institution of Water Engineers and Scientists, 242, September.

Sourcebook of Hydrologic and Ecological Features. By Cushman, Gough, Craig, and Moran, 106 March.

Urban Hydrology, A Multidisciplinary Perspective. By Timothy B. Lazaro, 241 September.

Waste Disposal Effects on Ground Water. Edited by David W. Miller, 104 March.

Water Chlorination - Environmental Impact and Health Effects. Edited by Robert T. Jolley, William A. Brungs, and Robert B. Cummings, 103, March.

Water Resources Systems Structural and Management. By Carlo Lotti and Carlo Pandolphi, 176, June.

Central City Demands in the 80's Woonsocket, Rhode Island. By Hedle V. Patterson, 224 September.

Connecticut Section A.W.W.A. Education Program. By Jack E. Kuras, 148, June.

Corrosion Committee Activity in New England, Underground. By Thomas J. Cronen, 264, Dec.

Construction Management. By Robert T. Koopman, 13, March.

Construction Process, Controlling the. By Nathaniel S. Clifford, 169, June.

Controlling the Construction Process. By Nathaniel S. Clifford, 169, June.

Covering the Distribution Storage — A Panel Discussion. By Steven Leavenworth, 245, Dec, Joseph Murphy, P.E., 248, Dec, William B. Kays, 253, Dec and David Kittridge, P.E. 258, Dec.

Distribution System Maintenance, Year Round. By John E. Lebert, Jr., 267, Dec.

Education Program, Connecticut Section A.W.W.A. By Jack E. Kuras, 148, June.

Energy Conservation Program, A Utility. Northeast Utilities NU 80s/90s. By Peter H. Judd, and Peter M. Stern, 229, September.

Environment, Water Regulation in an Inflationary. Raymond E. Hammond, 187, September.

Filter Media, Methods for Evaluating Performance of. By Stephen L. Bishop, 193, September.

Government Affairs Activity, A.W.W.A. By Cliff Atkinson, Jr., 182, September.

Ground Water — Tell it all, Organic Contamination of. By Paul Burdan, 109, June.

Instrumentation for the 1980's...Panel Discussion. Moderator James R. McQueen, 21 March. By Colin J. Stearman, 24, March, Donald J. Graves, P.E. 28, March, and Barry S. Young, 31 March.

Investigation of Volatile Organics Removal. By Daniel L. Kelleher, Enos L. Stover, and Michael Sullivan, 119, June.

Keynote Address to the Annual Conference. By William E. Blankenburg Jr., 154, June.

Laboratory Certification and Quality Assurance. By Jesse S. Tucker, Ph. D., 48 March. By Earl R. Thompson, Jr., M.S., 51, March.

Maintenance, Year Round Distribution System. By John E. Lebert, Jr., 267, Dec.

Management, Construction. By Robert T. Koopman, 13, March.

Management - How Do You Evaluate It? Water Utility. By Frederick H. Elwell, 145, June.

Massachusetts Water Supply Priorities. By Thomas F. McLoughlin, 271, Dec.

Methods for Evaluating Performance of Filter Media. By Stephen L. Bishop, 193, September.

Monroe County, New York. - Sludge Handling and Disposal at the Central Processing Facility. By Charles M. Frenz, 208, September.

New England River Basin Commission in the 1980's, the Role of the. By John R. Ehrenfeld, 162, June.

New England Underground Corrosion Committee Activity in. By Thomas J. Cronen, 264, Dec.

NEW ENGLAND WATER WORKS ASSOCIATION

Administrative Reports

Committee on Administration	309, Dec.
Committee on Legislation	312, Dec.
Committee on Membership	310, Dec.
Committees of the New England Water Works Assoc.	326, Dec.
Editor	302, Dec.
Secretary	293, Dec.
Treasurer	298, Dec.
Award of Merit	286, Dec.
Dexter Brackett Memorial Award	284, Dec.
Election of Officers	290, Dec.
Past Presidents Award	285, Dec.
Presidents Address	288, Dec.
Reciprocal Relations with the Institution of Water Engineers and Scientists (England)	311, Dec.
Scholarship Awards	286, Dec.

Proceedings

November 20, 1980 233 Sept.

December 18, 1980, 234 Sept.

January 15, 1981 235 Sept.

February 3-4, 1981 236 Sept.

March 19, 1981 237 Sept.

April 16, 1981 238 Sept.

May 21 1981 239 Sept.

Annual Conference, 280, Dec.

Northeast Utilities NU 80s/90s. A Utility Energy Conservation Program. By Peter H. Judd and Peter M. Stern, 229, September.

Organic Contamination of Ground Water. Tell it all. By Paul Burdan, 109, June.

Organics Removal, Investigation of Volatile. By Daniel L. Kelleher, Enos L. Stover and Michael Sullivan, 119, June.

Portrait of President Walter Amory. **Frontispiece,** March.

Quality Assurance, Laboratory Certification and. By Jesse S. Tucker, Ph.D., 48 March. By Earl R. Thompson, Jr., 51 March.

Regulation in an Inflationary Environment, Water. By Raymond E. Hammond, 187 September.

Report of Technical Committees (1980)

Report of Committee on Specification for Cast-Iron Pipe and Fittings, 54, March.

Report of Committee on Meter Specifications, 55 March.

Report of Committee on Federal Activities. 57, March.

Report of Committee on Deep-Well Vertical Pumps. 65, March.

Report of Committee on Conservation, Development, and Utilization of Water Resources, 66, March.

Report of Committee on Water Rates for Investor - Owned Water Companies, 72, March.

Report of Committee on Education and Certification of Water Works Personnel, 96, March.

Report of Committee on Advertising for the Journal of NEWWA, 98, March.

Report of Committee on Prestressed Concrete Water Tanks, 99, March.

Report of Committee Water Service Line Fittings, 100, March.

Report of Committee Filtering Materials and Activated Carbon, 100 March.

Report of Committee on Cleaning and Cement Lining of Water Mains, 101, March.

Report of Technical Committees (1981)

Report of Committee on Water Quality and Treatment, 321, Dec.

Report of Committee on Reinforced Concrete Pressure Pipe, 324, Dec.

Report of Committee on Meter Specifications, 324, Dec.

Role of the New England River Basin Commission in the 1980's By John R. Ehrenfeld, 162, June.

Significance of Snowmelt on Water Supplies in the Northeast. by Steven Medlar, 134 June.

Sludge Handling and Disposal at the Central Processing Facility Monroe County New York. By Charles M. Frenz, 208 September.

Sluice Gate, Anatomy of a. By Robert W. Henderson, 36 March.

Snowmelt on Water Supplies in the Northeast, Significance of. By Steven Medlar, 134, June.

Storage - A Panel Discussion, Covering Distribution. By Stephen Leavenworth, 245, Dec., Joseph Murphy, P.E., 248, Dec., William B. Kays, 253, Dec., David Kittredge, P.E., 258, Dec.

Underground Corrosion Committee Activity in New England.By Thomas J. Cronen, 264, Dec.

Urban Water Systems - Problems and Alternative Approaches to Solutions. By Kyle E. Schilling, 178, September.

Utility Energy Conservation Program, A. By Northeast Utilities NU 80's/90's. By Peter H. Judd and Peter M. Stern, 229 September.

Utility Regulation, Values and. By Joseph P. Desjardins, 1, March.

Values and Utility Regulation. By Joseph P. Desjardins, 1, March

Vinyl Lined Asbestos Cement Pipe Problems - Health Aspects. by Paul T. Anderson, 217, September.

Vinyl Lined Asbestos Cement Pipe Problems - Operator Aspects. By Robert L. Gardner, 220 September.

Water Regulation in an Inflationary Environment. By Raymond E. Hammond, 187, September.

Water Supplies in the Northeast, Significance of Snowmelt on. By Steven Medlar, 134, June.

Water Supply Priorities, Massachusetts. By Thomas F. McLoughlin, 271, Dec.

Water Utility Management - How Do You Evaluate It? By Frederick H. Elwell, 145, June.

Woonsocket, Rhode Island - Central City Demands in the 80's. By Hedley V. Patterson, 224, September.

Year Round Distribution System Maintenance. By John E. Lebert, Jr., 267, Dec.